

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	72	(gierling-armin).IN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 08:21
S2	7	S1 and ((clutch or coupling or (shifting adj element)) and (disc or disk) and piston)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 08:23
S3	4679	(zf adj friedrichshafen).AS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 08:27
S4	181	S3 and ((clutch or coupling or (shifting adj element)) and (disc or disk) and piston)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 08:27
S5	35	((clutch or coupling or (shifting adj element)) and (disc or disk) and piston) and (common with (inner adj (disc or disk)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/05/05 08:42
S6	5	("20030087720"   "3365985"   "3823802"   "6468177"   "6929107").PN.	US-PGPUB; USPAT	OR	ON	2008/05/05 08:55
S7	182	192/87.11.ccls.	US-PGPUB; USPAT	OR	ON	2008/05/05 08:57

S8	14	("20010035328"   "20030116396"   "20040206599"   "20050082136"   "20050189195"   "4741422"   "4964504"   "5887690"   "6382382"   "6401894"   "6491149"   "6523657"   "6634477"   "6929107").PN. OR ("7246692").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 09:26
S9	16	("2687198"   "3424033"   "3589483"   "4714147"   "4741422"   "4947974"   "5711409"   "5865289"   "6543597").PN. OR ("6929107").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 09:28
S10	12	("1707843"   "20020053498"   "2214592"   "2488079"   "3623579"   "6026944"   "6145643"   "6523662"   "6929107").PN. OR ("7124869").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 09:29
S11	188	192/87.15.ccls.	US-PGPUB; USPAT	OR	ON	2008/05/05 09:41
S12	150	S11 not S7	US-PGPUB; USPAT	OR	ON	2008/05/05 09:41
S13	59	192/87.14.ccls.	US-PGPUB; USPAT	OR	ON	2008/05/05 10:21
S14	57	S13 not (S7 or S11)	US-PGPUB; USPAT	OR	ON	2008/05/05 10:21
S15	2160	192/48.8-48.91.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/05 10:28
S16	9	S15 and (hydraulic\$4 or fluid) and (common with (inner adj (disc or disk)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/05/05 10:29
S17	15	("20010035328"   "20030116396"   "20040206599"   "3589483"   "4463621"   "4741422"   "4947974"   "4966270"   "5887690"   "6382382"   "6401894"   "6464059"   "6491149"   "6523657"   "6929107"). PN. OR ("7121392"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:31

S18	273	192/106F.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:34
S19	2	S18 and (hydraulic\$4 or fluid) and (common with (inner adj (disc or disk)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:34
S20	1164	192/85AA.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:35
S21	0	S20 and (hydraulic\$4 or fluid) and (common with (inner adj (disc or disk)))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:35
S22	0	S20 and (hydraulic\$4 or fluid) and (common with ((inner adj (disc or disk)) adj carrier))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:36
S23	2	S18 and (hydraulic\$4 or fluid) and (common with ((inner adj (disc or disk)) adj carrier))	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:36
S24	10	S18 and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:37
S25	15	S20 and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:38
S26	1	475/116.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:41
S27	0	475/146.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier)	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/05 10:42
S28	2	(gierling-armin).IN. and @pd> "20080505"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:06
S29	582	(zf adj friedrichshafen). AS. and @pd> "20080505"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:06
S30	16	S29 and ((clutch or coupling or (shifting adj element)) and (disc or disk) and piston)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:06

S31	15	S30 not S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:07
S32	4	((clutch or coupling or (shifting adj element)) and (disc or disk) and piston) and (common with (inner adj (disc or disk))) and @pd> "20080505"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/10/02 07:09
S33	7	192/87.11.ccls. and @pd> "20080505"	US-PGPUB; USPAT	OR	ON	2008/10/02 07:12
S34	1	192/87.15.ccls. and @pd> "20080505"	US-PGPUB; USPAT	OR	ON	2008/10/02 07:14
S35	2	192/87.14.ccls. and @pd> "20080505"	US-PGPUB; USPAT	OR	ON	2008/10/02 07:15
S36	5	192/48.8-48.91.ccls. and @pd> "20080505"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/02 07:34
S37	3	192/106F.ccls. and @pd> "20080505"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/02 07:35
S38	1	192/85AA.ccls. and @pd> "20080505"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/02 07:36
S39	0	475/116.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier) and @pd> "20080505"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/02 07:37
S40	0	475/146.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier) and @pd> "20080505"	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/02 07:38
S41	9	192/87.11.ccls. and (finger with piston)	US-PGPUB; USPAT	OR	ON	2008/10/02 13:14
S42	5	192/87.15.ccls. and (finger with piston)	US-PGPUB; USPAT	OR	ON	2008/10/02 13:14
S43	23	192/85AA.ccls. and (finger with piston)	US-PGPUB; USPAT	OR	ON	2008/10/02 13:14
S44	33	S41 S42 S43	US-PGPUB; USPAT	OR	ON	2008/10/02 13:15

S45	5	(gierling-armin).IN. and @pd> "20081002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:45
S46	326	(zf adj friedrichshafen). AS. and @pd> "20081002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:46
S47	13	S46 and ((clutch or coupling or (shifting adj element)) and (disc or disk) and piston)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:46
S48	10	S47 not S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:47
S49	5	((clutch or coupling or (shifting adj element)) and (disc or disk) and piston) and (common with (inner adj (disc or disk))) and @pd> "20081002"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:47
S50	1	S49 not (S45 S48)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:48
S51	1	192/87.11.ccls. and @pd> "20081002"	US-PGPUB; USPAT	OR	ON	2009/01/30 13:48
S52	1	S51 not (S45 S48 S50)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:49
S53	1	192/87.15.ccls. and @pd> "20081002"	US-PGPUB; USPAT	OR	ON	2009/01/30 13:49

S54	1	S53 not (S45 S48 S50 S52)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:50
S55	0	192/87.14.ccls. and @pd> "20081002"	US-PGPUB; USPAT	OR	ON	2009/01/30 13:51
S56	4	192/48.8-48.91.ccls. and @pd> "20081002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/30 13:51
S57	3	S56 not (S45 S48 S50 S52 S54)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:51
S58	3	192/106F.ccls. and @pd> "20081002"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 13:52
S59	1	S58 not (S45 S48 S50 S52 S54 S57)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:52
S60	11	192/85AA.ccls. and @pd> "20081002"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 13:53
S61	9	S60 not (S45 S48 S50 S52 S54 S57 S59)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/30 13:53
S62	0	475/116.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier) and @pd> "20081002"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 13:54
S63	0	475/146.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier) and @pd> "20081002"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 13:54
S64	0	(gierling-armin).IN. and @pd> "20090130"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:05

S65	14	(zf adj friedrichshafen). AS. and @pd> "20090130"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:06
S66	2	S65 and ((clutch or coupling or (shifting adj element)) and (disc or disk) and piston)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:07
S67	1	((clutch or coupling or (shifting adj element)) and (disc or disk) and piston) and (common with (inner adj (disc or disk))) and @pd> "20090130"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:08
S68	0	S67 not S66	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:08
S69	0	192/87.11.ccls. and @pd> "20090130"	US-PGPUB; USPAT	OR	ON	2009/03/02 10:08
S70	0	192/87.15.ccls. and @pd> "20090130"	US-PGPUB; USPAT	OR	ON	2009/03/02 10:09
S71	1	192/87.14.ccls. and @pd> "20090130"	US-PGPUB; USPAT	OR	ON	2009/03/02 10:09
S72	1	S71 not (S66 S68)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:09
S73	1	192/48.8-48.91.ccls. and @pd> "20090130"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/03/02 10:10
S74	1	S73 not (S66 S68 S72)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:10
S75	1	192/106F.ccls. and @pd> "20090130"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/02 10:11

S76	1	S75 not (S66 S68 S72 S74)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:11
S77	4	192/85AA.ccls. and @pd> "20090130"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/02 10:20
S78	3	S77 not (S66 S68 S72 S74 S76)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/03/02 10:21
S79	0	475/116.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier) and @pd> "20090130"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/02 10:21
S80	0	475/146.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier) and @pd> "20090130"	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/02 10:22
S81	17	192/70.12.ccls. and (hydraulic\$4 or fluid) and ((inner adj (disc or disk)) adj carrier)	US-PGPUB; USPAT; USOCR	OR	ON	2009/03/02 10:22
S82	0	((first and second) adj (dis\$1 adj packet)) and (common adj2 (carrier or (annular adj surface))) and pot and finger and (axial adj opening)).clm.	US-PGPUB	OR	ON	2009/03/02 10:27
S83	0	((first and second) adj (dis\$1 adj packet)) and (common adj3 (carrier or (annular adj surface))) and pot and finger and (axial adj opening)).clm.	US-PGPUB	OR	ON	2009/03/02 10:28
S84	1	((first and second) adj (servo adj device)) and (inner adj (dis\$1 adj carrier)) and pot and finger and (axial adj opening)).clm.	US-PGPUB	OR	ON	2009/03/02 10:31



S85	1	(((first and second) adj (servo adj device)) and (inner adj (dis\$1 adj carrier)) and pot and finger and (radial adj opening)).clm.	US-PGPUB	OR	ON	2009/03/02 10:32
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